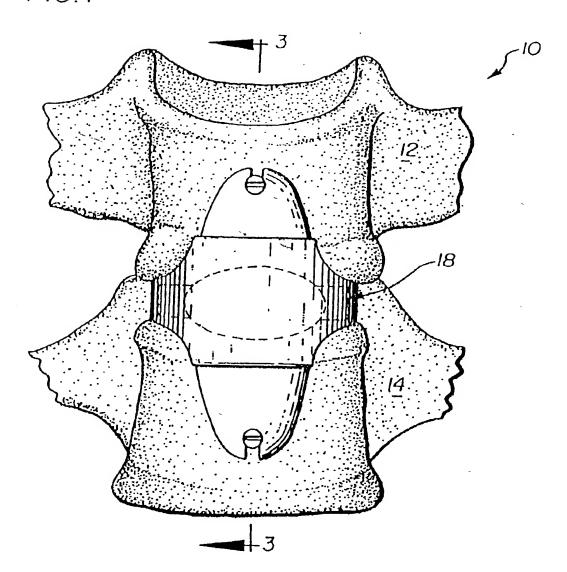
Dec. 14, 1999

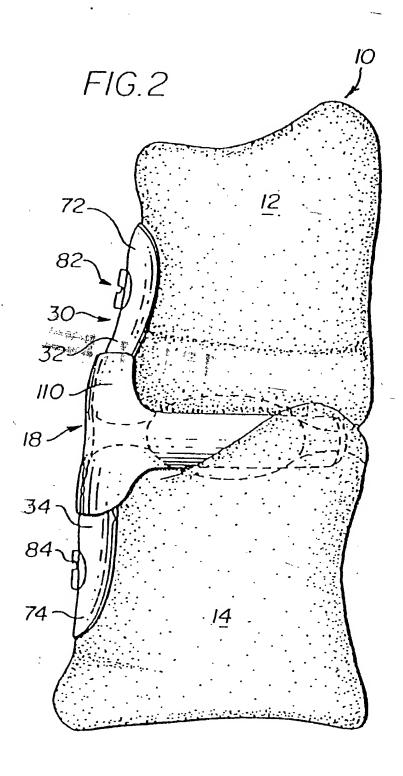
Sheet 1 of 10

FIG. 1



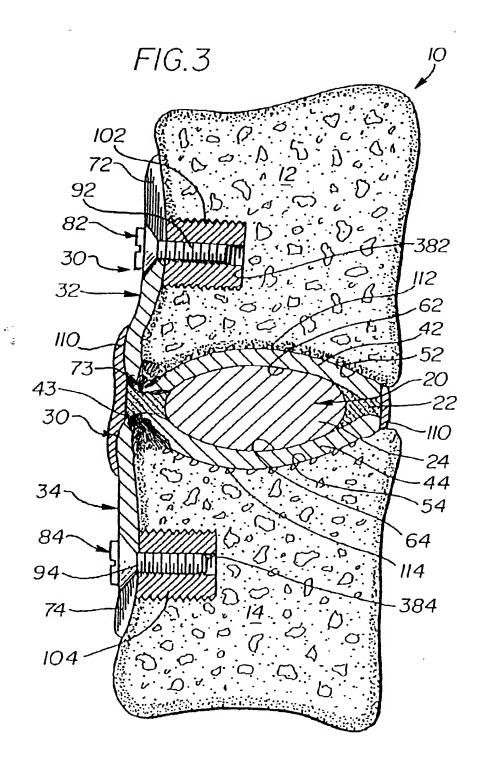
Dec. 14, 1999

Sheet 2 of 10



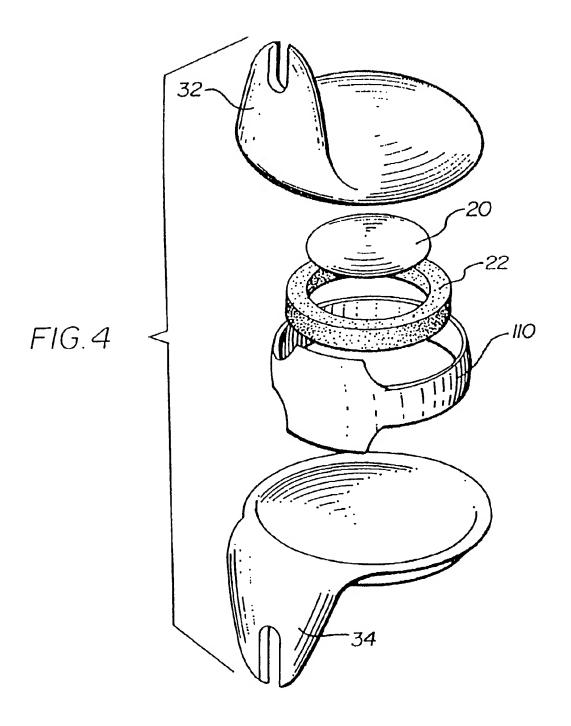
Dec. 14, 1999

Sheet 3 of 10



Dec. 14, 1999

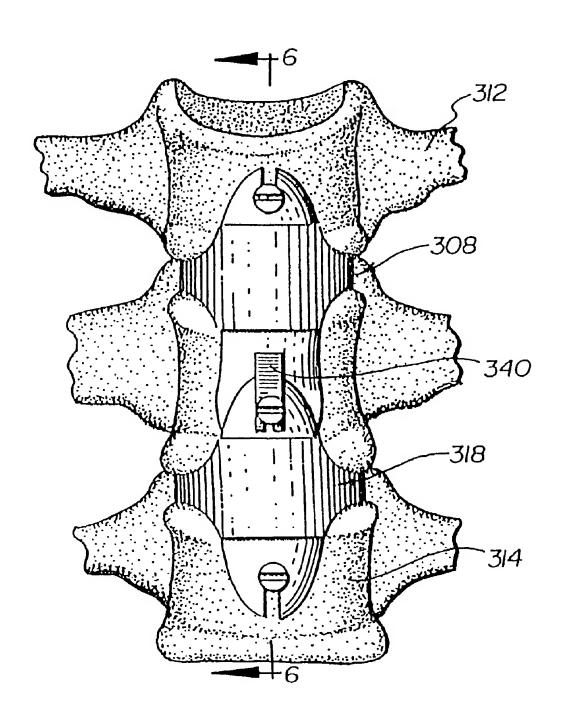
Sheet 4 of 10



**U.S. Patent** Dec. 14, 1999 Sheet 5 of 10

6,001,130

FIG.5



U.S. Patent 6,001,130 Dec. 14, 1999 Sheet 6 of 10 FIG.6 -312 -372 -308 342 382 341-322 340 330 331 362-321 360 <sup>290</sup> 331 352 330 354 324 384 Z318 374 - 314

Dec. 14, 1999

Sheet 7 of 10

FIG.7

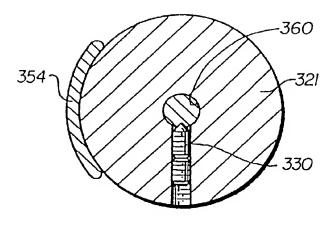
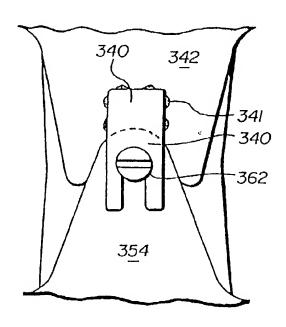
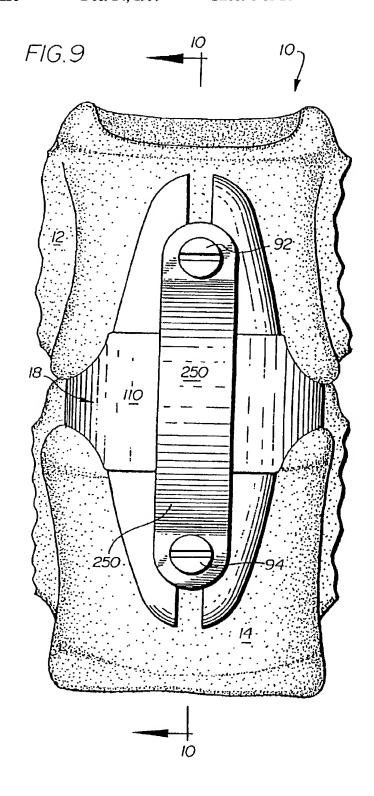


FIG.8



**U.S. Patent** Dec. 14, 1999

Sheet 8 of 10



U.S. Patent

Dec. 14, 1999

Sheet 9 of 10

